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(FILE 'HOME' ENTERED AT 09:38:03 ON 24 MAY 2005)

FILE 'HCA' ENTERED AT 09:39:29 ON 24 MAY 2005

E US20040168419/PN

L1 1 SEA ABB=ON PLU=ON US20040168419/PN
D ALL

FILE 'REGISTRY' ENTERED AT 09:41:25 ON 24 MAY 2005

E A/PCT

E A/CI

E ARAMID/CN

E ARAMIDS/CN

L2 1 SEA ABB=ON PLU=ON ARAMIDS/CN
D SCAN

E POLYIMIDE/PCT

L3 52382 SEA ABB=ON PLU=ON POLYIMIDE/PCT

E POLYAMIDE/PCT

L4 82509 SEA ABB=ON PLU=ON POLYAMIDE/PCT

E ACRYL/PCT

E POLYACRYLIC/PCT

L5 307374 SEA ABB=ON PLU=ON POLYACRYLIC/PCT

E POLYTHIO/PCT

E POLYARYL/PCT

E POLYARYLEN SULFIDE/CI

E POLYARYLEN SULFIDE/CN

E POLYTHIOARYLENE/CN

E POLYTHIO ARYLENE/CN

L6 1 SEA ABB=ON PLU=ON ("POLYTHIOPHENYLENES SYNTHETIC
FIBERS"/CN OR "POLYTHIOPHENYLENES, FIBER"/CN)
D SCAN

E POLYETHERIMIDE/CN

E POLYETHERS, IMIDE/CN

E POLY BISMALEIMIDE/CN

E POLYBISMALEIMIDE/CN

E POLYBISMALEIMIDE/CN

L7 1 SEA ABB=ON PLU=ON POLYBISMALEIMIDE/CN

E FIBER GLASS/CN

E GLASS FIBER/CN

L8 2 SEA ABB=ON PLU=ON ("GLASS FIBER"/CN OR "GLASS FIBER
CLOTH"/CN OR "GLASS FIBER FABRICS"/CN OR "GLASS FIBERS"/C
N)
D SCAN

FILE 'HCAPLUS' ENTERED AT 10:29:53 ON 24 MAY 2005

FILE 'REGISTRY' ENTERED AT 10:30:27 ON 24 MAY 2005

E ACRYLIC POLYMER/CN

L9 2 SEA ABB=ON PLU=ON ("ACRYLIC POLYMER"/CN OR "ACRYLIC
POLYMERS"/CN OR "ACRYLIC POLYMERS, FIBERS"/CN)
D SCAN

FILE 'HCAPLUS' ENTERED AT 10:31:49 ON 24 MAY 2005

L10 494552 SEA ABB=ON PLU=ON FILTER?

E STIFFENING AGENT/CT

E STIFF/CT

L11 2822 SEA ABB=ON PLU=ON STIFF?(2A) (AGENT? OR MAT OR MATERIAL?
OR SUBSTAN? OR POLYMER?)

L12 34596 SEA ABB=ON PLU=ON L3

L13	2	SEA ABB=ON	PLU=ON	L12 (L) L11
		D SCAN		
L14	0	SEA ABB=ON	PLU=ON	L10 AND L11 AND L12
L15	38459	SEA ABB=ON	PLU=ON	STIFF?
L16	3	SEA ABB=ON	PLU=ON	L12 (2A) L15
		D SCAN		
L17	51	SEA ABB=ON	PLU=ON	L10 AND L11
L18	63511	SEA ABB=ON	PLU=ON	POLYIMID?
L19	70132	SEA ABB=ON	PLU=ON	L18 OR L12
L20	2	SEA ABB=ON	PLU=ON	L19 AND L17
		D SCAN		
		D QUE L11		
L21	5	SEA ABB=ON	PLU=ON	POLYIMID? (3A) STIFF? (3A) (AGENT? OR
		MAT OR MATERIAL? OR SUBSTAN?)		
		D SCAN		
L22	322135	SEA ABB=ON	PLU=ON	FILTRA?
		D QUE L21		
L23	2	SEA ABB=ON	PLU=ON	(L10 OR L22) AND L21
		D SCAN		
L24	676501	SEA ABB=ON	PLU=ON	L10 OR L22
L25	4	SEA ABB=ON	PLU=ON	L24 AND L15 AND L19
		D SCAN		
L26	3558	SEA ABB=ON	PLU=ON	(REVERS? OR CLEAN?) (2A) (PULS? OR
		BURST? OR BLOW? OR BLAST?)		
L27	431	SEA ABB=ON	PLU=ON	L24 AND L26
L28	1	SEA ABB=ON	PLU=ON	L27 AND L15
		D SCAN		
L29	1	SEA ABB=ON	PLU=ON	L27 AND L11
		D SCAN		
L30	2264	SEA ABB=ON	PLU=ON	(REVERS? OR CLEAN?) (3A) PULS?
L31	311	SEA ABB=ON	PLU=ON	L30 AND L24
L32	1	SEA ABB=ON	PLU=ON	L31 AND L11
		D SCAN		
L33	1297	SEA ABB=ON	PLU=ON	BAGHOUS? OR BAG (A) HOUS?
L34	619	SEA ABB=ON	PLU=ON	L24 AND L33
L35	21	SEA ABB=ON	PLU=ON	L34 AND L26
		D QUE		
L36	0	SEA ABB=ON	PLU=ON	L35 AND L15
L37	21	SEA ABB=ON	PLU=ON	L35 AND L24
		D QUE		
		D SCAN		
L38	361	SEA ABB=ON	PLU=ON	L33 (3A) L24
L39	1	SEA ABB=ON	PLU=ON	L38 AND L19
		D SCAN		
L40	12	SEA ABB=ON	PLU=ON	L38 AND L26
		D SCAN		
L41	0	SEA ABB=ON	PLU=ON	L38 AND L15
L42	4	SEA ABB=ON	PLU=ON	L24 AND L15 AND L18
L43	1	SEA ABB=ON	PLU=ON	L34 AND L15
		D SCAN		
		D KWIC		
L44	1	SEA ABB=ON	PLU=ON	L43 AND L18
		D SCAN		
L45		QUE ABB=ON	PLU=ON	HEAT? OR THERMAL? OR (HIGH## OR
		HEIGHTEN? OR RAIS? OR ELEVAT?) (2A) (TEMP# OR TEMPERATUR?)		
L46	256	SEA ABB=ON	PLU=ON	L24 AND L15 AND L45
		D QUE		
L47	3	SEA ABB=ON	PLU=ON	L46 AND L19
		D SCAN		
L48	153963	SEA ABB=ON	PLU=ON	L24 AND L45

L49	2805	SEA ABB=ON	PLU=ON	PLEAT?
L50	132	SEA ABB=ON	PLU=ON	L48 AND L49
L51	4	SEA ABB=ON	PLU=ON	L50 AND L19
L52	30076	SEA ABB=ON	PLU=ON	CALEND?
L53	1	SEA ABB=ON	PLU=ON	L50 AND L52
				D SCAN
L54	115	SEA ABB=ON	PLU=ON	L48 AND L52
L55	0	SEA ABB=ON	PLU=ON	L54 AND L19
L56	10840	SEA ABB=ON	PLU=ON	POLYARYLENESULFID? OR POLYPHENYLENESU LID? OR POLYTHIOARYLEN? OR POLYTHIOPHENYLEN? OR (POLYARYL EN? OR POLYPHENYLEN?) (A) SULFIDE# OR (POLYTHIO) (A) (ARYLENE # OR PHENYLENE#) OR POLY(W) ((ARYLENE# OR PHENYLENE#) (A) (T HIO OR SULFIDE#))
L57	547	SEA ABB=ON	PLU=ON	ARAMIDE#
L58	1322029	SEA ABB=ON	PLU=ON	GLASS? OR ACRYL? OR METHACRYL? OR POLY? (A) (ACRYL? OR METHACRYL?) OR POLYACRYL? OR POLYMETHA CRYL?
L59	58381	SEA ABB=ON	PLU=ON	L24 AND ((L56 OR L57 OR L58))
L60	128	SEA ABB=ON	PLU=ON	L59 AND L15
L61	3	SEA ABB=ON	PLU=ON	L60 AND L19
L62	0	SEA ABB=ON	PLU=ON	L60 AND L26
L63	1	SEA ABB=ON	PLU=ON	L60 AND L33
				D SCAN
L64	79	SEA ABB=ON	PLU=ON	L60 AND L45
L65	5	SEA ABB=ON	PLU=ON	L64 AND L49
				D QUE
L66	0	SEA ABB=ON	PLU=ON	L64 AND L52
L67	1	SEA ABB=ON	PLU=ON	L64 AND L33
L68	3057	SEA ABB=ON	PLU=ON	POLYAMIDEIMID? OR POLYIMIDEAMID? OR POLYAMIDE(W) IMID? OR POLYIMIDE(W) AMID? OR POLY? (2A) (AMIDE # (A) IMIDE#)
L69	2790	SEA ABB=ON	PLU=ON	POLYETHERIMIDE# OR POLYIMID!!ETHER# OR POLYETHER(A) IMIDE# OR POLYIMIDE# (A) ETHER# OR POLY? (2A) (ETHER# (A) IMIDE#)
L70	1072	SEA ABB=ON	PLU=ON	POLYBISMALEIMIDE# OR POLYBISMALE? (A) I MIDE# OR POLYIMIDE# (A) BISMALE? OR POLYIMIDE# (A) BIS (W) MALE ? OR POLY? (2A) ((BIS (W) MALE?) (A) IMIDE#)
L71	70499	SEA ABB=ON	PLU=ON	L19 OR ((L68 OR L69 OR L70))
L72	695	SEA ABB=ON	PLU=ON	L59 AND L71
L73	3	SEA ABB=ON	PLU=ON	L72 AND L15
				D QUE L72
L74	302	SEA ABB=ON	PLU=ON	L72 AND L45
L75	0	SEA ABB=ON	PLU=ON	L74 AND L26
L76	2	SEA ABB=ON	PLU=ON	L74 AND L49
L77	0	SEA ABB=ON	PLU=ON	L74 AND L52
L78	2	SEA ABB=ON	PLU=ON	L74 AND L33
				D QUE L40
				D QUE L37
L79	11	SEA ABB=ON	PLU=ON	L13 OR L16 OR L20 OR L23 OR L25 OR (L28 OR L29) OR L32 OR L39 OR (L42 OR L43 OR L44)
L80	13	SEA ABB=ON	PLU=ON	L47 OR L51 OR L53 OR L61 OR L63 OR L65 OR L67 OR L73 OR L76 OR L78
L81	19	SEA ABB=ON	PLU=ON	L79 OR L80
L82	14	SEA ABB=ON	PLU=ON	L81 AND L15
L83	13	SEA ABB=ON	PLU=ON	L81 AND L19
L84	9	SEA ABB=ON	PLU=ON	L81 AND L15 AND L19
L85	18	SEA ABB=ON	PLU=ON	L82 OR L83
L86	10	SEA ABB=ON	PLU=ON	L81 NOT L84
				D QUE STAT
				D SCAN

D SCAN L84
 L87 1 SEA ABB=ON PLU=ON L84 AND L1

 FILE 'WPIX' ENTERED AT 14:32:48 ON 24 MAY 2005
 L88 494774 SEA ABB=ON PLU=ON L10 OR L22
 L89 35046 SEA ABB=ON PLU=ON POLYIMID?
 L90 58708 SEA ABB=ON PLU=ON STIFF?
 L91 13 SEA ABB=ON PLU=ON L88 AND L89 AND L90
 D SCAN
 L92 4717 SEA ABB=ON PLU=ON STIFF?(2A) (AGENT? OR MAT OR MATERIAL?
 OR SUBSTAN? OR POLYMER?)
 L93 2 SEA ABB=ON PLU=ON L88 AND L89 AND L92
 L94 27704 SEA ABB=ON PLU=ON L88(2A) (MEDIUM? OR DISK? OR DISC? OR
 FABRIC? OR ?WOVEN? OR MEANS)
 L95 5 SEA ABB=ON PLU=ON L94 AND L91
 L96 5 SEA ABB=ON PLU=ON L94 AND L18 AND L15
 L97 7 SEA ABB=ON PLU=ON POLYIMID?(3A) STIFF?(3A) (AGENT? OR
 MAT OR MATERIAL? OR SUBSTAN?)
 L98 1100 SEA ABB=ON PLU=ON L88 AND L90
 L99 818 SEA ABB=ON PLU=ON BAGHOUS? OR BAG(A)HOUS?
 L100 7 SEA ABB=ON PLU=ON L98 AND L99
 D SCAN
 D QUE STAT
 L101 7245 SEA ABB=ON PLU=ON (REVERS? OR CLEAN?) (2A) (PULS? OR
 BURST? OR BLOW? OR BLAST?)
 L102 4252 SEA ABB=ON PLU=ON (REVERS? OR CLEAN?) (3A) PULS?
 L103 3 SEA ABB=ON PLU=ON L98 AND L101
 L104 3 SEA ABB=ON PLU=ON L98 AND L102
 L105 70434 SEA ABB=ON PLU=ON L88 AND L45
 L106 215 SEA ABB=ON PLU=ON L105 AND L90
 L107 8 SEA ABB=ON PLU=ON L106 AND L89
 D SCAN
 L108 3522 SEA ABB=ON PLU=ON L94 AND L45
 L109 34 SEA ABB=ON PLU=ON L108 AND L90
 L110 4 SEA ABB=ON PLU=ON L109 AND L89
 L111 7500 SEA ABB=ON PLU=ON PLEAT?
 L112 15 SEA ABB=ON PLU=ON L111 AND L109
 L113 134 SEA ABB=ON PLU=ON L111 AND L108
 L114 6 SEA ABB=ON PLU=ON L113 AND L89
 L115 15 SEA ABB=ON PLU=ON L113 AND L90
 D QUE
 L116 3 SEA ABB=ON PLU=ON L115 AND L89
 L117 1846194 SEA ABB=ON PLU=ON HEAT? OR THERMAL? OR (HIGH## OR
 HEIGHTEN? OR RAIS? OR ELEVAT?) (2A) (TEMP# OR TEMPERATUR?)
 D QUE L116
 L118 3 SEA ABB=ON PLU=ON L88 AND L89 AND L90 AND L111
 D QUE
 L119 17405 SEA ABB=ON PLU=ON CALEND?
 L120 3 SEA ABB=ON PLU=ON L118 AND L119
 D SCAN
 D QUE L100
 L121 2 SEA ABB=ON PLU=ON L120 AND L99
 L122 1 SEA ABB=ON PLU=ON L121 AND L102
 D QUE
 L123 3 SEA ABB=ON PLU=ON L116 AND L119
 L124 2766 SEA ABB=ON PLU=ON POLYARYLENESULFID? OR POLYPHENYLENESU
 LID? OR POLYTHIOARYLEN? OR POLYTHIOPHENYLEN? OR (POLYARYL
 EN? OR POLYPHENYLEN?) (A) SULFIDE# OR (POLYTHIO) (A) (ARYLENE
 # OR PHENYLENE#) OR POLY(W) ((ARYLENE# OR PHENYLENE#) (A) (T
 HIO OR SULFIDE#))

L125 1718 SEA ABB=ON PLU=ON ARAMIDE#
 L126 652480 SEA ABB=ON PLU=ON GLASS? OR ACRYL? OR METHACRYL? OR
 POLY? (A) (ACRYL? OR METHACRYL?) OR POLYACRYL? OR POLYMETHA
 CRYL?
 L127 680084 SEA ABB=ON PLU=ON L89 OR (L124 OR L125 OR L126)
 L128 26971 SEA ABB=ON PLU=ON L88 AND L127
 L129 116 SEA ABB=ON PLU=ON L128 AND L90
 L130 47 SEA ABB=ON PLU=ON L129 AND L117
 L131 2 SEA ABB=ON PLU=ON L130 AND L99
 L132 11 SEA ABB=ON PLU=ON L130 AND L111
 L133 3 SEA ABB=ON PLU=ON L132 AND L119
 L134 4 SEA ABB=ON PLU=ON L130 AND L119
 L135 4097 SEA ABB=ON PLU=ON POLYAMIDEIMID? OR POLYIMIDEAMID? OR
 POLYAMIDE(W) IMID? OR POLYIMIDE(W)AMID? OR POLY? (2A) (AMIDE
 # (A) IMIDE#)
 L136 3683 SEA ABB=ON PLU=ON POLYETHERIMIDE# OR POLYIMID!!ETHER#
 OR POLYETHER(A) IMIDE# OR POLYIMIDE# (A) ETHER# OR POLY? (2A)
 (ETHER# (A) IMIDE#)
 L137 65 SEA ABB=ON PLU=ON POLYBISMALEIMIDE# OR POLYBISMALE? (A) I
 MIDE# OR POLYIMIDE# (A) BISMALE? OR POLYIMIDE# (A) BIS (W) MALE
 ? OR POLY? (2A) ((BIS (W) MALE?) (A) IMIDE#)
 L138 39167 SEA ABB=ON PLU=ON L89 OR ((L135 OR L136 OR L137))
 L139 1448 SEA ABB=ON PLU=ON L88 AND L127 AND L138
 L140 14 SEA ABB=ON PLU=ON L139 AND L90
 D SCAN
 L141 9 SEA ABB=ON PLU=ON L140 AND L117
 D SCAN
 L142 2 SEA ABB=ON PLU=ON L141 AND L99
 L143 3 SEA ABB=ON PLU=ON L141 AND L111
 L144 3 SEA ABB=ON PLU=ON L141 AND L119
 L145 3 SEA ABB=ON PLU=ON L143 AND L119
 L146 71 SEA ABB=ON PLU=ON L94 AND L127 AND L138
 L147 6 SEA ABB=ON PLU=ON L146 AND L90
 D SCAN
 L148 4719 SEA ABB=ON PLU=ON STIFF? (2A) (AGENT? OR MAT OR MATERIAL?
 OR SUBSTAN? OR POLYMER?)
 L149 3 SEA ABB=ON PLU=ON L146 AND L148
 D SCAN
 L150 7672 SEA ABB=ON PLU=ON L105 AND L127 AND L128
 L151 47 SEA ABB=ON PLU=ON L150 AND L90
 L152 2 SEA ABB=ON PLU=ON L151 AND L99
 L153 1 SEA ABB=ON PLU=ON L151 AND L101
 L154 11 SEA ABB=ON PLU=ON L151 AND L111
 L155 3 SEA ABB=ON PLU=ON L154 AND L119
 L156 4 SEA ABB=ON PLU=ON L151 AND L119
 L157 6 SEA ABB=ON PLU=ON L151 AND L148
 L158 1 SEA ABB=ON PLU=ON L151 AND L97
 D SCAN
 D QUE
 L159 671 SEA ABB=ON PLU=ON L105 AND L127 AND L138
 L160 54 SEA ABB=ON PLU=ON L159 AND 90
 L161 2 SEA ABB=ON PLU=ON L160 AND (L99 OR L101 OR L102 OR
 L111 OR L119)
 L162 42 SEA ABB=ON PLU=ON L94 AND L117 AND L127 AND L138
 L163 1 SEA ABB=ON PLU=ON L162 AND L97
 L164 3 SEA ABB=ON PLU=ON L162 AND L92
 L165 5 SEA ABB=ON PLU=ON L162 AND L90
 L166 3 SEA ABB=ON PLU=ON L165 AND (L99 OR L101 OR L102 OR
 L111 OR L119)
 L167 19 SEA ABB=ON PLU=ON L93 OR L95 OR L96 OR L100 OR L103 OR

L168 L104 OR L107 OR L110 OR L114 OR L116
16 SEA ABB=ON PLU=ON L118 OR (L120 OR L121 OR L122 OR
L123) OR (L131 OR L132 OR L133 OR L134) OR (L142 OR L143
OR L144 OR L145) OR L147 OR L149 OR (L152 OR L153 OR
L154 OR L155 OR L156 OR L157 OR L158)
L169 6 SEA ABB=ON PLU=ON L161 OR (L163 OR L164 OR L165 OR
L166)
L170 30 SEA ABB=ON PLU=ON (L167 OR L168 OR L169)
L171 30 SEA ABB=ON PLU=ON L141 OR L170
L172 6 SEA ABB=ON PLU=ON L97 NOT L171

FILE 'HCAPLUS' ENTERED AT 16:25:57 ON 24 MAY 2005

L173 3 L21 NOT L81